

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A computer-implemented method for generating code for loading a multi-dimensional data warehouse from a plurality of source databases, the method comprising the steps:

(a) defining the multi-dimensional data warehouse and the source databases as a set of entity-relationship data models;

(b) creating a source file containing instructions for loading the multi-dimensional data warehouse from the plurality of source databases, the instructions including ~~one or more~~ a plurality of high-level directives; and

(c) automatically pre-processing the source file, by replacing the directives with code, using information pulled from the data models, to generate ~~a~~ an executable destination file containing the code for loading the multi-dimensional data warehouse from the plurality of source databases.

2 - 6 (Cancelled)

7. (Currently amended) A computer-implemented method for loading a multi-dimensional data warehouse from a plurality of source databases, the method comprising the steps:

(a) defining the multi-dimensional data warehouse and the source databases as a set of entity-relationship data models;

(b) creating a source file containing instructions for loading the multi-dimensional data warehouse from the plurality of source databases, the instructions including ~~one or more~~ a plurality of high-level directives; and

(c) automatically pre-processing the source file, by replacing the directives with code, using information pulled from the data models, to generate ~~a~~ an executable destination file containing the code for loading the multi-dimensional data warehouse from the plurality of source databases; and

(d) running the code in the executable destination file, to load the multi-dimensional data warehouse from the plurality of source databases.

8. (Currently amended) A method according to Claim 7 wherein ~~at least some of the directives define macro substitutions to be performed on the source file, and wherein at least some of said macro substitutions comprise inserting a~~ said step of creating the source file includes inserting at least one run-time processor macro into the source file, and wherein said step of running the code includes replacing said at least one run-time processor macro with executable code generated for processing at run time.

9 - 12 (Cancelled)

13. (Currently amended) A computer system comprising:

- (a) ~~means for a set of entity-relationship data models~~ defining a multi-dimensional data warehouse and a plurality of source databases ~~as a set of entity-relationship data models;~~
- (b) ~~means for creating~~ a source file containing instructions for loading the multi-dimensional data warehouse from the plurality of source databases, the instructions including ~~one or more~~ a plurality of high-level directives;
- (c) pre-processing means for automatically pre-processing the source file, by replacing the directives with code, using information pulled from the data models, to generate a an executable destination file containing the code for loading the multi-dimensional data warehouse from the plurality of source databases; and
- (d) processing means for running the code in the executable destination file, to load the multi-dimensional data warehouse from the plurality of source databases.

14 -15 (Cancelled)

16. (Currently amended) An information carrier, holding a program for performing a method for generating code for loading a multi-dimensional data warehouse from a plurality of source databases, defined as a set of entity-relationship data models, the method comprising the steps:

- (a) creating a source file containing instructions for loading the multi-dimensional data warehouse from the plurality of source databases, the instructions including ~~one or more~~ a plurality of high-level directives; and
- (b) automatically pre-processing the source file, by replacing the directives with code, using information pulled from the data models, to generate a an executable destination file containing the code for loading the multi-dimensional data warehouse from the plurality of source databases.